



IN THE UNITED STATES PATENT OFFICE  
**INFORMATION DISCLOSURE STATEMENT**

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**MAY 18 2004**

**OFFICE OF PETITIONS**

Re: United States Patent Application No. 09/902,718  
Title: MULTI-BIT DRIVER  
Inventor: Fern Beauchamp  
Filed: July 12, 2001  
Priority: U.S. Provisional Patent Application 60/219,446 filed July 20, 2000  
Reference No.: 44 GG-04-US  
Art Unit: 3723  
Examiner: James G. Smith

Dear Sir:

Pursuant to the requirements set forth in 37 C.F.R. § 1.56 and § 1.97, the attention of the Examiner is invited to the documents listed on the attached Form PTO-1449. These documents are listed on Form PTO-1449 as a convenience to the Examiner and to the U.S. Patent & Trademark Office. Please note that neither this statement, nor the listing of documents on Form PTO-1449, shall be construed as a representation that a search has been made or that no better disclosures exist; neither shall this statement nor the listing of these documents on Form PTO-1449 be considered or construed to be an admission that the information cited is, or is considered to be, material to patentability, or that these documents should be considered as an admission by the applicant herein that these matters are prior art as to the applicant.

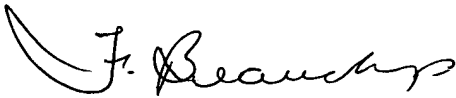
The following prior art is known to the Applicant, and may be deemed to be material to the patentability of the subject matter of the present patent application:

United States Patent Application No. 20030084758;  
United States Patent Application No. 20020152850;  
United States Patent No. 2,629,413;  
United States Patent No. 2,635,661;  
United States Patent No. 2,749,953;  
United States Patent No. 2,765,013;  
United States Patent No. 3,006,395;  
United States Patent No. 3,750,729;  
United States Patent No. 4,372,362;  
United States Patent No. 4,463,788;  
United States Patent No. 4,533,271;  
United States Patent No. 4,552,043;  
United States Patent No. 4,552,044;  
United States Patent No. 4,716,795;  
United States Patent No. 4,716,796;  
United States Patent No. 4,762,036;  
United States Patent No. 4,916,988;  
United States Patent No. 5,024,566;  
United States Patent No. 5,026,190;  
United States Patent No. 5,228,363;  
United States Patent No. 5,325,745;  
United States Patent No. 5,337,637;  
United States Patent No. 5,526,721;  
United States Patent No. 5,673,600;  
United States Patent No. 5,899,618;  
United States Patent No. 6,134,995;  
United States Patent No. 6,205,893;  
United States Patent No. 6,332,384;  
United States Patent No. 6,378,407;  
United States Patent No. 6,502,484;  
United States Patent No. 6,510,768;  
United States Patent No. 6,601,483;  
United States Patent No. 6,701,814;  
Canadian Patent No. 1,301,493; and  
Canadian Patent No. 2,298,714

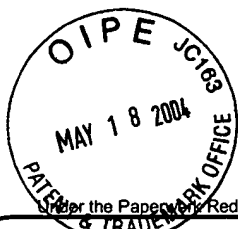
Please note that the present Information Disclosure Statement identifies prior art patents that may have not otherwise been made of record in the present application, and which may not otherwise cited or referred to by the Examiner, but which are known to the applicant and to the undersigned. All other prior art that is known to the undersigned, whether material to the patentability of any claim herein, but having regard to the duty of candor and good faith in dealing with the United States Patent & Trademark Office, and further upon reasonable enquiry by the undersigned of all others upon whom the duty of candor and the duty to disclose falls, is identified above.

Entry of this Information Disclosure Statement, and the accompanying form PTO-1449 and prior art, are now respectfully solicited.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "F. Beauchamp". The signature is written in dark ink and is positioned above the printed name.

Fern Beauchamp



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	09/902,718
Filing Date	July 12, 2001
First Named Inventor	BEAUCHAMP, Fern
Art Unit	3723
Examiner Name	SMITH, James G.
Attorney Docket Number	044 GG-04-US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2003/0084758	05-08-2003	CHIANG, Mei Hui	
		US- 2002/0152850	10-24-2002	WANNOP, George M.	
		US- 2,629,413	08-08-1946	STETTLER, Rudolf	
		US- 2,635,661	04-21-1953	EGAN, James E.	
		US- 2,749,953	06-12-1956	RUNDLE, George, W.	
		US- 2,765,013	10-02-1956	PEDERSEN, Roy D.	
		US- 3,006,395	10-31-1961	DYE, George A.	
		US- 3,750,729	08-07-1973	LEMIEUX, Roland G.	
		US- 4,372,362	02-08-1983	AHN, Min H.	
		US- 4,463,788	08-07-1984	CORONA, A., et al	
		US- 4,533,271	08-06-1985	SANSEVERO, Nick	
		US- 4,552,043	11-12-1985	CORONA, A., et al	
		US- 4,552,044	11-12-1985	CORONA, A., et al	
		US- 4,716,795	01-05-1988	CORONA, A., et al	
		US- 4,716,796	01-05-1988	CORONA, A., et al	
		US- 4,762,036	08-09-1988	ORLITZKY, A., et al	
		US- 4,916,988	04-17-1990	ROBERTSON, H.J.,	
		US- 5,024,566	06-18-1991	IPPOLITO, G.F., et al	
		US- 5,026,190	06-25-1991	LONGARZO, Roland	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

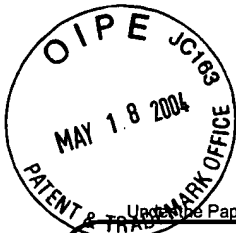
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,228,363	07-20-1993	CORONA, A., et al	
		US- 5,325,745	07-05-1994	KOEHLER, Albert	RECEIVED
		US- 5,337,637	08-16-1994	BIH-LIEN, Chen L.	
		US- 5,526,721	06-18-1996	WAISVISZ, Eduard A.	MAY 18 2004
		US- 5,673,600	10-07-1997	YANAGI, Nobuyuki	
		US- 5,899,618	05-04-1999	KOBAYASHI, Seiichi	OFFICE OF PETITIONS
		US- 6,134,995	10-24-2000	SHIAO, Hsuan-Sen	
		US- 6,205,893	03-27-2001	SATO, Tomohiro	
		US- 6,332,384	12-25-2001	CLUTHE, Gary Paul	
		US- 6,378,407	04-30-2002	PURKAPILE, Emerson	
		US- 6,502,484	01-07-2003	PAO-HSI, Lee	
		US- 6,510,768	01-28-2003	FRUHM, Hermann	
		US- 6,601,483	08-05-2003	WANNOP, George M.	
		US- 6,701,814	03-09-2004	PURKAPILE, Emerson	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		CA 1,301,493.	05-26-1992	Robertson, H.J.		
		CA 2,298,714	08-16-2001	Reimche, Ron		

Examiner  
SignatureDate  
Considered

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